

Attorney Docket Number: FSP0028
Client Reference Number: AWS 691.US
Title: AUTOMATIC DEVICE CONFIGURATION TO RECEIVE NETWORK SERVICES
Application Number: 10/662,752

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Claims

Claims 1-3 are cancelled, without prejudice.

4. (Currently Amended) A terminal device comprising:

~~a processor;~~

device information; and

~~logic which, when applied to the processor, provides the device information to a SIM, receives from the SIM a communication comprising the device information, and transmits the communication to a network.~~

logic to provide the device information to a SIM, receive from the SIM a communication comprising the device information, and transmit the communication to a network.

5. (Currently Amended) The terminal device of claim 4 further comprising:

location information; and

~~logic which, when applied to the processor, provides the location information to the SIM.~~

logic to provide the location information to the SIM, receive from the SIM a communication comprising the location information, and transmit the communication to a network.

6. (Currently Amended) The terminal device of claim 4 further comprising:

~~logic which, when applied to the processor, receives to receive~~ at least one of settings and logic from the network, and ~~applies~~ apply the settings and logic to effect configuration.

7. (Currently Amended) A SIM comprising:

~~a processor; and~~

~~logic which, when applied to the processor and that,~~ in response to activation of the SIM in a terminal device, receives device information from the terminal device, and, ~~when~~ if the terminal device is different than the terminal device used with the previous activation of the SIM, formulates

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a communication comprising the device information, and causes the communication to be transmitted to a network.

8. (Currently Amended) The SIM of claim 7 further comprising:
logic ~~which, when applied to the processor, receives~~ to receive location information from the terminal device, formulates a communication comprising the location information, and causes the communication to be transmitted to a network.

9. (Currently Amended) The SIM of claim 7 further comprising:
user information; and
logic ~~which, when applied to the processor, formulates~~ to formulate a communication comprising the user information, and causes the communication to be transmitted to a network.

10. (Currently Amended) The SIM of claim 7 further comprising:
logic ~~which, when applied to the processor, communicates the device information to the network via at least one of SMS, EMS, and MMS.~~
logic to formulate at least one of an SMS, EMS, or MMS communication comprising the device information, and to cause the at least one of an SMS, EMS, or MMS communication to be transmitted to a network.

11. (Currently Amended) A network comprising:
a base station subsystem ~~(BSS)~~;
subscriber information; and
~~logic which, when executed by one or more network elements of the network, locates subscriber data in response to a communication from a terminal device, identifies subscriber services, determines terminal device settings, and communicates the settings to the terminal device.~~
one or more network elements to locate subscriber data in response to a communication from a terminal device that includes device capabilities to receive and render services, identify subscriber

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services compatible with the device capabilities, determine terminal device settings compatible with the identified services, and communicate the device settings to the terminal device.

12. (Currently Amended) The network of claim 11 further comprising:
~~logic which, when executed, communicates one or more network elements to communicate with~~
the terminal device using one of SMS, EMS, MMS, and SyncML.

13. (Currently Amended) The network of claim 11 further comprising:
~~logic which, when executed, communicates one or more network elements to communicate~~
configuration logic ~~software~~ to the terminal device;
the configuration software comprising logic that, when applied by the terminal device, effects the device settings.

14. (Currently Amended) A method comprising:
in response to activation of a SIM in a terminal device, the SIM requesting device information from the terminal device;
the device providing the device information to the SIM; and
~~when the device is different than a device used in a previous activation of the SIM, the SIM~~
formulating a communication comprising the device information and causing the communication to be transmitted to a network.

15. (Original) The method of claim 14 further comprising:
the SIM formulating the communication according to one of SMS, EMS, MMS, and SyncML.

16. (Original) The method of claim 14 further comprising:
the device providing location information to the SIM;
the SIM formulating a communication comprising the location information; and
the SIM causing the communication to be transmitted to a network.

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17. (Currently Amended) The method of claim 14 further comprising:
receiving ~~at least one of settings and logic~~ software from the network; and
applying ~~the settings and logic~~ software to effect ~~communication of the terminal device settings~~ to
receive services from the network.

18. (Original) The method of claim 14 further comprising:
the SIM formulating a communication comprising user information; and
the SIM causing the communication to be transmitted to a network.

19. (New) The method of claim 14, further comprising:
if the device is different than a device used in a previous activation of the SIM, the SIM
formulating a communication comprising the device information and causing the communication to
be transmitted to a network.

20. (New) A method comprising:
activating a SIM in a communication device;
as a result of activation, the SIM requesting device and-or information from the communication
device;
the SIM forming at least one message including at least part of the device and-or location
information;
the communication device communicating the message formed by the SIM to a communication
network;
the network identifying services compatible with device and-or location information of the
message;
the network identifying device settings compatible with the identified services and-or device
information and-or location information of the message;
the network communicating the device settings to the communication device; and
the communication device putting into effect the device settings communicated from the network.

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21. (New) The method of claim 20, further comprising:
the communication device communicating the message to the network using at least one of SMS,
EMS, MMS, or SyncML.

22. (New) The method of claim 20, further comprising:
the network communicating the message to the communication device using at least one of SMS,
EMS, MMS, or SyncML.